

Delta Modeling Section Update

Dec 4, 2014

DSM2 Related Activities

- Hiring , Retaining and Developing Skilled Staff
- Support for Various Programs
- Develop and Expand Features of Decision Support Tools



Hiring , Retaining and Developing Skilled Staff

- No new hires or promotions



Support for Various Programs

- Annual Report (Min Yu/Ralph Finch)
- DSM2 User Group Newsletter (Min Yu)
- Municipal Water Quality Investigations Program (Hari Rajbhandari, Siqing Liu)
- Consumptive Use Analysis
- Drought Studies –
 - Emergency Barriers (Siqing Liu)
 - G-Model recalibration (Joey Zhou, Nicky Sandhu)

Develop and Expand Features of Decision Support Tools

- DSM2v8 Development and Maintenance –
 - General Transport Model
 - Code Development (En-Ching Hsu, Nicky Sandhu, Eli Ateljevich)
 - Water Quality Module Development (Hari Rajbhandari, Ming-Yen Tu)
 - Sediment Transport Development (Jamie Anderson)
 - Mercury Model Development – Reed Harris (Jamie Anderson, Myint Thein)
 - Particle Tracking Code Development (Xiao Wang)

Develop and Expand Features of Decision Support Tools (cont)

- DSM2v8 Development and Maintenance –
 - DSM2 Output Visualization (Siqing Liu)
 - DSM2 bathymetry generator – Tom Heinzer (Ralph Finch)
 - PEST for DSM2 Calibration – Papadopoulos and Associates (Ralph Finch)